

Title (en)

Compensating for VCT phase error over speed range

Title (de)

Ausgleich für Phasenabweichung eines variablen Nockenwellephasenverstellers über einen Drehzahlbereich

Title (fr)

Compensation pour erreur de déphasage de déphaseur d'arbre à came sur un domaine de vitesse

Publication

EP 1375834 B1 20050831 (EN)

Application

EP 03253496 A 20030604

Priority

- US 38920102 P 20020617
- US 40551303 A 20030402

Abstract (en)

[origin: EP1375834A1] A method for compensating for variable cam timing of an internal combustion engine is provided. The method includes: a) providing a periodical crank pulse signal (62); b) providing a periodical cam pulse signal (66); c) determining a segment, wherein the internal combustion engine speed induces a volatile change upon Zphase values (90); d) dividing the segment into sub-segments; and e) calculating Zphase values (90) of a plurality of points within the sub-segments. <IMAGE>

IPC 1-7

F01L 1/344

IPC 8 full level

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CPC (source: EP KR US)

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Cited by

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